



Product Information

Walnut Hulls

GENERAL DESCRIPTION

Nut Shell is a lost circulation material of ground Nut shells that is supplied in fine, medium, and coarse grades. It is primarily utilized in water or oil base drilling fluids.

FEATURES AND BENEFITS

Nut Shells are used to combat lost circulation. Nut Shell can be mixed with other materials such as Mica, Prima seal, etc to formulate “pills” that are spotted across an identified thief zone.

Nut Shells are inert and do not react with any other drilling fluid additives and are unaffected by the additions of oil, salts, acids or brines.

Nut Shells can be used to reduce balling of the drilling assembly, especially in soft, gummy shale formations.

Nut Shells are also used as a drag reducer in deviated holes. Circulated throughout the tight hole sections immediately prior to a trip, the irregular particles are embedded in the filter cake, and act as bearings to reduce the hole drag.

RECOMMENDED TREATMENT

For lost circulation, mix into the mud or lost circulation pill in the usual concentrations of 10-30 kg/m³.

When used as a torque and drag reducer for trips, displace a pill containing 20-30 kg/m³

Such that the tight segment of the well bore will be covered by the pill.

TYPICAL PHYSICAL PROPERTIES

Appearance	brown granules
Specific Gravity	2.8
Bulk Density	320 kg/m ³

AVAILABILITY

Nut Shell Fine, Medium and Coarse are packaged 22.7kg bags and are available from HiTech Fluid Systems Ltd.